

CLAIMS

What is claimed is:

1. An optical recording medium comprising:
a user data area, and a lead-out area at an outermost circumference, wherein predetermined recording patterns are recorded on the lead-out area to prevent an optical pickup from deviating from the user data area during recording and/or reproduction of data.
2. The optical recording medium according to claim 1, wherein the predetermined recording patterns are formed by repeatedly recording the recording patterns used in the user data area.
3. The optical recording medium according to claim 2, comprising two or more recording layers for multi-layer recording, each recording layer comprising the user data area and the lead-out area, wherein the user data area and the lead-out area each has grooves and lands formed thereon, the wobbles are formed on at least one lateral surface of each groove, and the wobbles of the lead-out area have different characteristics from those of the user data area.
4. The optical recording medium according to claim 3, wherein the two or more recording layers have different recording patterns from one another.
5. The optical recording medium according to claim 4, wherein the lead-out area has a width of two or more times a maximum allowance of disc eccentricity.
6. The optical recording medium according to claim 5, wherein synchronization patterns of signals read from the user data area and the lead-out area are different.
7. The optical recording medium according to claim 5, wherein the two or more recording layers have different synchronization patterns in their lead-out areas from one another.
8. The optical recording medium according to claim 1, wherein the recording patterns are different from those used in the user data area.

9. The optical recording medium according to claim 8, comprising two or more recording layers for multi-layer recording, each recording layer comprising the user data area and the lead-out area, wherein the user data area and the lead-out area each has grooves and lands formed thereon, the wobbles are formed on at least one lateral surface of each groove, and the wobbles of the lead-out area have different characteristics from those of the user data area.

10. The optical recording medium according to claim 9, wherein the two or more recording layers have different recording patterns from one another.

11. The optical recording medium according to claim 10, wherein the lead-out area has a width of two or more times a maximum allowance of disc eccentricity.

12. The optical recording medium according to claim 11, wherein synchronization patterns of signals read from the user data area and the lead-out area are different.

13. The optical recording medium according to claim 11, wherein the two or more recording layers have different synchronization patterns in their lead-out areas from one another.

14. The optical recording medium according to claim 8, wherein recording is performed on grooves and/or lands formed on the user data area and the lead-out area.

15. The optical recording medium according to claim 1, wherein recording is performed on grooves and/or lands formed on the user data area and the lead-out area.